

**AMENDMENTS TO THE SPECIFICATION**

**Please replace the first full paragraph on page 30 with the following amended paragraph:**

When the determination result at step S500 indicates that the deterioration is due to a problem in maintenance and design of the denitration system (step S502), for example, insufficient maintenance for the exhaust-gas denitration system 100, deficiency in the specification or design of the catalyst components of the denitration catalyst 101, then improvement of maintenance in a part at which maintenance is insufficient, and removal of such factor are proposed. The insufficient maintenance for the exhaust-gas denitration system ~~100~~<sup>101</sup> is, for example, insufficient injection of  $\text{NH}_3$  (because of nozzle clogging or the like), a reduction in a reactive area due to accumulation of dust caused by a gas flow rate flow change, and erosion. The deficiency in the specification or design of the catalyst components of the denitration catalyst 101, is for example, a failure to select the catalyst components suitable for the processing exhaust gas, and the dust clogging due to arrangement of the catalysts (pileup of the honeycomb type catalysts).

**Please delete the present Abstract of the Disclosure and replace with the following new Abstract of the Disclosure.**

Data on a secular change of each denitration catalyst is managed based on data obtained by a periodic maintenance and a daily management. Management of a secular change and prediction on performance variations that occur until a next periodic check is performed. It is determined whether the denitration catalyst is deteriorated such that an exhaust-gas denitration system cannot maintain its performance. When the denitration catalyst is deteriorated, regeneration, replacement, or addition of the denitration catalyst is performed, and the denitration catalyst is altered as necessary. When the denitration catalyst is usable, the denitration catalyst is not replaced nor regenerated.